

**Garant**
**Machine tap HSS-E-PM Form CS, uncoated, M: M4**

**Order data**

Order number	131290 M4
GTIN	4045197069498
Item class	11H

**Description**
**Version:**
**With spiral point.**

 (Form CS) 2 – -3 turns chamfer lead – **with spiral point.**
**Advantage:**

Greater wear resistance.

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 0.7 mm

Overall length L: 63 mm

 Shank  $\varnothing D_s$ : 4.5 mm

 Shank square  $\square$ : 3.4 mm

 Tapping hole  $\varnothing$ : 3.3 mm

**Technical description**

Number of clamping slots	3
Thread pitch	0.7 mm
Thread $\varnothing$	4 mm
Number of cutting edges Z	3
Tapping hole $\varnothing$	3.3 mm
Standard	DIN 371
Shank $\varnothing D_s$	4.5 mm

Overall length L	63 mm
Shank square □	3.4 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Thread depth	12 mm
Thread type	M
Thread size	M4
Coating	uncoated
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	CS
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	15 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	18 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	18 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	18 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	9 m/min	P
Oil	suitable		

wet maximum

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restricted conditions